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(54) Title: COMPOSITION FOR STABILIZING EPIGALLOCATECHIN GALLATE (EGCG) IN WATER PHASE AND PREPARATION METHOD THEREOF

(57) Abstract: Disclosed herein are a composition for stabilizing Epigallocatechin gallate (EGCG) in water phase comprising 0.1-25.0% by weight of Epigallocatechin gallate, 0.1-5.0% by weight of a cationic polymer, an anionic polymer or a mixture thereof, 0.1-10.0% by weight of antioxidant in a remainder of water or the mixture of water and a hydrophilic solvent and a preparation method thereof. The composition is not easily decomposed in water phase as well as in external environment consisting of temperature change, light effect etc. because the composition is stabilized by reacting with a cationic polymer or an anionic polymer.

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